

the physical packets according to a handling and moving of packets in a telecommunication protocol and wherein the logical node transfers the decision to at least one of the sending station and at least one physical router.

IN THE CLAIMS

Please amend the claims as follows:

1. (AMENDED) A method of transporting physical objects comprising: transporting at least one physical object from a sending station to a receiving station;

wherein the transport occurs through at least one physical router;

executing a decision about further parameters of transport to at least one of another physical router and the receiving station;

generating information for handling and moving the physical object;

transferring the information to a logical node;

using the information to handle and move the at least one physical object according to handling and moving of packets in a telecommunication protocol; and

transferring by the logical node of the decision to at least one of the sending station and the at least one physical router.
2. (AMENDED) The method according to claim 1, wherein the information for handling the at least one physical object is transmitted in logical packets.

3. (AMENDED) The method according to claim 2, wherein the information is stored in a header of one logical packet.
4. (AMENDED) The method according to claim 1, wherein the logical node is assigned to a physical guide.
5. (AMENDED) The method according to claim 1, wherein at least one routing mechanism is used.
6. (AMENDED) The method according to claim 5, wherein the routing is performed within a network layer.
7. (AMENDED) The method according to claim 1, wherein an Internet Protocol is used.
8. (AMENDED) The method according to claim 1, wherein a cell switching technology is used.
9. (AMENDED) The method according to claim 8, wherein the cell switching is performed in an asynchronous transfer mode.

10. (AMENDED) The method according to claim 1, wherein an Internet Control Message Protocols (ICMP) provides network services to a plurality of upper layers.
11. (AMENDED) The method according to claim 1, wherein Internet Protocol Addresses are transferred to data link addresses.
12. (AMENDED) The method according to claim 11, wherein the Internet Protocol Addresses are transferred to the Data Link Addresses according to an Address Resolution Protocol.
13. (AMENDED) The method according to claim 1, wherein at least one interior gateway routing protocol is used.
14. (AMENDED) The method according to claim 13, wherein an open shortest path first protocol is used.
15. (AMENDED) The method according to claim 1, wherein a packet-scheduling algorithm is used.

16. (AMENDED) The method according to claim 15, wherein packet-scheduling is performed with weighted fair queuing.
17. (AMENDED) The method according to claim 1, wherein at least one virtual private network is used.
18. (AMENDED) The method according to claim 1, wherein differentiated services are used.
19. (AMENDED) The method according to claim 1, wherein a communication protocol signals a router to reserve bandwidth for real-time transmission.
20. (AMENDED) The method according to claim 1, wherein a multiprotocol label switching is used.
21. (AMENDED) The method according to claim 1, wherein at least one site creates at least one home agent for a communication with at least one other site.
22. (AMENDED) The method according to claim 1, wherein a transmission control protocol is used.

23. (AMENDED) The method according to claim 1, wherein a control protocol is used.
24. (AMENDED) The method according to claim 1, wherein a real-time protocol is used.
25. (AMENDED) The method according to claim 1, wherein a movement of a logical packet and the at least one physical object are synchronised.
26. (AMENDED) A transportation system for transporting physical objects comprising:
means to transport at least one physical object from a sending station to a receiving station;
wherein the transport occurs through at least one physical router;
wherein the physical router executes a decision about further parameters of transport to at least one of another physical router and the receiving station; wherein information for handling and moving the at least one physical object is generated and transferred to a logical node;
wherein the information is used to handle and move the at least one physical object according to handling and moving of packets in a telecommunication protocol; and
wherein the logical node transfers the decision to at least one of the sending station and at least one physical router.

27. (AMENDED) A transportation means adapted to transport at least one physical object between at least two of a sending station, a receiving station and a physical router, wherein the transportation means executes the transport of the at least one physical object according to parameters transmitted according to at least one telecommunication protocol.
28. (AMENDED) A physical guide adapted to execute a decision about parameters of transport to at least one of another physical router and a receiving station;
wherein a logical node is assigned to the physical router;
wherein information is transmitted according to at least one telecommunication protocol;
and
wherein the logical node takes the decision according to at least one telecommunication protocol.
29. (AMENDED) A computer program adapted to control a message for transporting physical objects;
wherein the transport occurs through at least one physical router
wherein the physical router executes a decision about further parameters of transport;
wherein the computer program takes the decision according to information for handling the physical object; and
wherein the decision is taken according to at least one telecommunication protocol.